

CLAIMS

1. A wire electrode for wire electrical discharge machine characterized in that the wire electrode has a three-layered structure comprising an electroconductive core (1), a coating layer (2) of Cu-Zn intermetallic compound in other than α phase surrounding the core (1), and a coating layer (3) of Cu-Zn alloy in β phase on the exterior of the coating layer (2), and that the thickness of the coating layer (3) is 5 to 15 μm .

10 2. The wire electrode for wire electrical discharge machine according to Claim 1, characterized in that the coating layer (2) comprises Cu-Zn alloy in β phase.

15 3. The wire electrode for wire electrical discharge machine according to Claim 1, characterized in that the core (1) comprises Cu-Zr alloy.

20 4. The wire electrode for wire electrical discharge machine according to Claim 2, characterized in that the core (1) comprises Cu-Zr alloy.

25 5. The wire electrode for wire electrical discharge machine according to Claim 1, characterized in that the core (1) comprises Cu-Zn alloy.

6. The wire electrode for wire electrical discharge machine

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according to Claim 2, characterized in that the core (1) comprises Cu-Zn alloy.